

from the group consisting of sodium carbonate, potassium carbonate, sodium bicarbonate, potassium bicarbonate and mixtures thereof.

39. (New) A deicing and/or anti-icing agent as defined in Claim 38 wherein said hydrocarbyl aldose comprises sorbitol.

40. (New) A deicing and/or anti-icing agent as defined in Claim 38 wherein said hydroxyformate salt comprises potassium carbonate.

41. (New) A deicing and/or anti-icing agent as defined in Claim 38 wherein said agent further comprises a freezing point lowering additive selected from the group consisting of amino acids, salts of amino acids, lignin components, boric acid, salts of boric acid, glycerol, glycols and mixtures thereof.

42. (New) A method of deicing a surface having ice thereon, said method comprising applying to said iced surface a deicing agent as defined in Claim 35.

43. (New) A method as defined in Claim 42 wherein said hydroxyformate salt comprises potassium carbonate.

44. (New) A method of anti-icing a surface, said method comprising applying to said surface prior to the formation of ice thereon an anti-icing agent as defined in Claim 38.

45. (New) A method as defined in Claim 44 wherein said hydroxyformate salt comprises potassium carbonate.

46. (New) A method of deicing a surface having ice thereon, said method comprising applying to said iced surface a deicing agent as defined in Claim 38.

47. (New) A method as defined in Claim 46 wherein said hydroxyformate salt comprises potassium carbonate.

14 48. (New) A method of anti-icing a surface, said method comprising applying to said surface prior to the formation of ice thereon an anti-icing agent as defined in Claim 38.

49. (New) A method as defined in Claim 48 wherein said hydroxyformate salt comprises potassium carbonate.

16 50. (New) A method of deicing and/or anti-icing a surface, said method comprising applying to said surface a deicing and/or anti-icing agent comprising at least about 10 weight percent of a hydrocarbyl aldohexose selected from the group consisting of furanosides, maltosides, maltotriosides, glucopyranosides, non-alkyl glucosides and mixtures thereof.

17 51. (New) A method as defined in Claim 50 wherein said method comprises deicing a surface comprising applying said deicing agent to an iced surface.

18 52. (New) A method as defined in Claim 50 wherein said method comprises anti-icing a surface comprising applying said anti-icing agent to said surface prior to ice formation thereon.

19 53. (New) A method as defined in Claim 50 wherein said deicing and/or anti-icing agent further comprises a soluble salt.

20 54. (New) A method as defined in Claim 53 wherein said soluble salt comprises an organic salt selected from the group consisting of a carboxylic acid salt, a dicarboxylic acid salt, a hydroxycarboxylic acid salt and mixtures thereof.

21 55. (New) A method as defined in Claim 54 wherein said hydroxycarboxylic acid salt comprises a hydroxyformate salt.

56. (New) A method as defined in Claim 55 wherein said hydroxyformate salt is selected from the group consisting of sodium carbonate, potassium carbonate, sodium bicarbonate, potassium bicarbonate and mixtures thereof.

57. (New) A method as defined in Claim 56 wherein said hydroxyformate salt comprises potassium carbonate.

24/58. (New) A method as defined in Claim 54²⁰ wherein said ^{soluble} ~~organic~~ salt comprises potassium acetate.

25/59. (New) A method as defined in Claim 50¹⁶ wherein said deicing and/or anti-icing agent further comprises an effective freezing point lowering amount of a freezing point lowering additive selected from the group consisting of amino acids, salts of amino acids, lignin components, boric acid, salts of boric acid, glycerol, glycols and mixtures thereof.

60. (New) A method of deicing and/or anti-icing a surface, said method comprising applying to said surface a deicing agent comprising (a) an effective freezing point lowering amount of sorbitol and (b) an effective freezing point lowering amount of a freezing point lowering agent selected from the group consisting of carboxylic acid salts, hydroxycarboxylic acid salts, dicarboxylic acid salts, amino acids, salts of amino acids, lignin components, boric acid, salts of boric acid, glycerol, glycols and mixtures thereof.

61/60. (New) A method as defined in Claim 60 wherein said method comprises deicing a surface comprising applying said deicing agent to an iced surface.

1.126 ⁶²61. (New) A method as defined in Claim 60 wherein said method comprises anti-icing a surface comprising applying said anti-icing agent to said surface prior to ice formation thereon.

1.126 ⁶³62. (New) A method as defined in Claim 60 wherein said hydroxycarboxylic acid salt comprises a hydroxyformate salt.

1.126 ⁶⁴63. (New) A method as defined in Claim ⁶³62 wherein said hydroxyformate salt is selected from the group consisting of sodium carbonate, potassium carbonate, sodium bicarbonate, potassium bicarbonate and mixtures thereof.

1.126 ⁶⁵64. (New) A method as defined in Claim ⁶⁴63 wherein said hydroxyformate salt comprises potassium carbonate.

1.126 ⁶⁶65. (New) A method of deicing or anti-icing a surface, said method comprising applying to said surface a deicing agent comprising (a) at least about 10 weight percent of a hydrocarbyl aldohexose; and (b) an effective freezing point lowering amount of a freezing point lowering compound selected from the group consisting of carboxylic acid salts, hydroxycarboxylic acid salts, dicarboxylic acid salts, amino acids, salts of amino acids, lignin compounds, boric acid, salts of boric acid, glycerol, glycols and mixtures thereof.

1.126 ⁶⁷66. (New) A method as defined in Claim ⁶⁶65 wherein said method comprises deicing a surface comprising applying said deicing agent to an iced surface.

1.126 ⁶⁸67. (New) A method as defined in Claim ⁶⁶65 wherein said method comprises anti-icing a surface comprising applying said anti-icing agent to said surface prior to ice formation thereon.

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Rule 1.126 ~~69~~ 68. (New) A method as defined in Claim ~~65~~ 66 wherein said hydroxycarboxylic acid salt comprises a hydroxyformate salt.

Rule 1.126 ~~70~~ 69. (New) A method as defined in Claim ~~68~~ 69 wherein said hydroxyformate salt is selected from the group consisting of sodium carbonate, potassium carbonate, sodium bicarbonate, potassium bicarbonate and mixtures thereof.

Rule 1.126 ~~71~~ 70. (New) A method as defined in Claim ~~69~~ 70 wherein said hydroxyformate salt comprises potassium carbonate.

~~71~~ 71. (New) A method of de-icing and/or anti-icing a surface, said method comprising applying to said surface a deicing and/or anti-icing agent comprising (a) an industrial process stream comprising at least about 10 weight percent of a low molecular weight sugar, and (b) a soluble salt.

Rule 1.126 ~~72~~ 72. (New) A method as defined in Claim ~~71~~ 72 wherein said method comprises deicing comprising applying said deicing agent to an iced surface.

Rule 1.126 ~~73~~ 73. (New) A method as defined in Claim ~~71~~ 72 wherein said method comprises anti-icing comprising applying said anti-icing agent to said surface prior to formation of ice thereon.

Rule 1.126 ~~74~~ 74. (New) A method as defined in Claim ~~71~~ 72 wherein said low molecular weight sugar is selected from the group consisting of maltoses, glucose, sorbitol and mixtures thereof.

~~75~~ 75. (New) A method as defined in Claim ~~71~~ 72 wherein said low molecular weight sugar comprises a monosaccharide.

~~76~~ 76. (New) A method as defined in Claim ~~75~~ 76 further comprising an effective freezing point lowering amount of a hydrocarbyl aldohexose selected from the group

consisting of furanosides, maltosides, maltotriosides, glucopyranosides, non-alkyl glucosides and mixtures thereof.

Pub 1/26/87 (New) A method as defined in Claim 71 wherein said industrial process stream is an agricultural process stream.

Sub B (New) A deicing and/or anti-icing agent comprising (a) an industrial process stream comprising at least about 10 weight percent of a hydrocarbyl aldose selected from the group consisting of a glucopyranoside, a furanoside or a mixture thereof, and (b) a soluble salt.

34/88 (New) A deicing and/or anti-icing agent comprising (a) an industrial process stream comprising at least about 10 weight percent of a hydrocarbyl aldose selected from the group consisting of furanosides, maltosides, maltotriosides, glucopyranosides, non-alkyl glucosides and mixtures thereof, (b) a soluble salt, and (c) amino acids, salts of amino acids and/or monosaccharide sugars.

REMARKS

Allowance of Claims 35-79 is respectfully requested.

The present application is a continuation application of prior application Serial No. 09/676,377 ("the '377 application"). In the '377 application all pending claims were allowed except for claims 72-74 and 82. Specifically, the Examiner objected to Claims 72-74 and 82 of the '377 application as containing new matter. In response Applicant canceled Claims 72-74 and 82 of the '377 application without prejudice. Accordingly, Applicant has rewritten Claims 72-74 and 82 of the '377 application as present claims 35-49. Applicant respectfully submits that no new matter has been added.

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